

# WISP04

- *FAA's Aviation Weather Research Program InFlight Icing Product Development Team*
- *We need to test and evaluate our radar-based icing detection systems*
- *GRIDS will be deployed in AIRS-2; SPolKa will stay home in Boulder*
- *Thus is born WISP04*
- Who: SPolKa, GRIDS, UND Citation, scanning 2-channel and profiling radiometers, GLASS soundings
- When: Mid-February through March 2004
- Where: Colorado Front Range (FCL or APA airports)
- Why: Evaluate initial SPolKa hardware and algorithm performance

# FAA & NSF's SPolKa

Transmitter

K<sub>a</sub>-Band Antenna

## Progress Report:

Transmitter tested, to be installed on  
NCAR roof late Sept '03

mounted on Spol S-band mid Oct '03

Testing Oct-Nov '03

System "ready for science" in Nov '03



# ETL's GRIDS

## Ground-based Remote Icing Detection System (GRIDS)

